

# COMMENTS ON SOME OF THE MONOCOTYLEDONS OF LOUISIANA

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When one compares the two most recent checklists of the monocotyledons of Louisiana (MacRoberts, 1988 and Thomas and Allen, 1984), the presence or absence of some of the species in the state is not clear. Some of these can be clarified by the following citations.

Rheo Spathacea (Sw.) Stearn (R. discolor (L'Her.) Hance ex Walp. COMMELINACEAE. CAMERON; Lawn and waste areas at South Cameron High School beside La. 82 about 0.4 miles east of Oak Grove; Sec. 32, T14S, R7W. R.D.T. & B. E. Dutton; 88522 & 1755, 12 May 1984. This taxon is commonly cultivated and becomes established and spreading in waste areas in the southern part of the state.

Carex fissa Mack. var. aristata Hermann. CYPERACEAE. Det. by J. W. Kessler. SABINE: Clearcut area beside access road to Holly Point Marina on Toledo Bend Lake two miles south of La. 191 south of Zwolle; Sec. 14, T18N, R14W. R.D.T. & Neil Carroll; 76493 & 2965, 20 May 1981.

Cyperus echinatus (L.) Wood. CYPERACEAE. Det. by C. T. Bryson, 1988. FRANKLIN: Along Boeuf River north of Forest Lake four miles west of Fort Necessity and south of La. 4; Sec. 7, T12N, R6E. R.D.T. & Gary Joye, 78507 & 1962, 17 September 1981.

Cyperus grayioides Mohl. CYPERACEAE. Det. by Brian G. Marks. Very close to Cyperus filiculmis Vahl. WINN: Very dry sandy soil beside La. 156 and railroad just east of Saline Bayou east of Goldonna, Sec. 29, T12N, R5W. R.D.T., 60597, 7 September 1978.

Cyperus lancastriensis Porter in Gray. CYPERACEAE. Det. by R. Carter of Valdosta State College. Previously identified as Cyperus retrofractus (L.) Torr. OUACHITA: Swampy area north of I-20 just west of U.S. 80 exit at Calhoun near Curry Creek, Sec. 26, T18N, R1E. R.D.T., et. al., 49443, 16 June 1976. CLAIBORNE: Around Claiborne Lake at La. 2, along highline right-of-way, Sec. 20, T21N, R6W. L. Lewis, 2634, 9 October 1979.

Fuirena simplex Vahl. var. simplex. CYPERACEAE. Det. by J. W. Kessler. ST. TAMMANY: La. 21, 0.1 mile south of La. 16 south of Sun in old gravel pit pond. C. E. DePoe, 6223, 8 October 1966. This collection is before the collection of var. aristulata (Torr.) Kral from East Carroll Parish.

Dioscorea batatas Dcne. DIOSCOREACEAE. WASHINGTON: Beside La. 38 at a branch of Little Silver Creek about one mile east of Tangipahoa Parish Line; Sec. 19, T1S, R9E, R.D.T., 68797, 18 October 1979. I also have collections from IBERIA (R.D.T. & John McCoy, 84,488, 22 June, 1983), RICHLAND (R.D.T., et. al., 76891, 11 June 1981), and UNION (D. C. Moore, 2710, 27 September 1983). This species was accidentally left off the list by Thomas and Allen (1984). Its smaller aerial corms and hastate leaves distinguish it from the larger corms and roundish cordate leaves of D. bulbifera L. which also occurs in waste areas in the southern part of the state.

Iris hexagona Walt. IRIDACEAE. This species was left off the Thomas and Allen list although specimens at NLU were previously annotated by Scott MacReynolds to this taxon. BOSSIER (Leggett, 1467); OUACHITA (Carey Smith, 98); WINN (R.D.T. 14019). A later specimen from ST. CHARLES was collected by Glen Montz (4967).

K. L. Horberger studied Sisyrinchium for her PhD dissertation at the University of Arkansas. She has annotated NLU specimens for two new species to the checklists. Sisyrinchium fuscatum Bickn. IRIDACEAE. ST. TAMMANY: Woods north of La. 1090 and I-10 east of I-59 and Slidell, Sec. 38, T8S, R15E, R.D.T., et. al., 57460, 8 April 1978. WASHINGTON; west side of La. 21 just north of La. 435 north of Bogaloussa, Sec. 36, T2S, R11E. R.D.T. 63,742, 29 April 1979. Sisyrinchium nashii Bickn. WASHINGTON: Woods at northeast edge of LSU Forestry Camp NE of Sheridan and La. 10; Secs. 10 & 15, T2S, R12E, R.D.T., et. al., 56,263, 8 April 1978.

Alstroemeria psittacina Lehm. LILIACEAE. OUACHITA: 1505 South 3rd Street, Monroe, Carlos Smith, 1075, 25 May 1971. This lily is escaped and spreading throughout a lot on Jewel Street in West Monroe (Ouachita Parish) and has been collected in a similiar condition in Red River Parish.

Muscari armeniacum Leichtl. ex. Baker. LILIACEAE. MOREHOUSE: Edge of cotton field beside La. 2, 0.2 miles west of the West Carroll Parish Line, Sec. 25, T21N, R8E; R.D.T. & Pat Pias, 57260 & 3061, 7 April 1978. This specimen and one from UNION Parish (Ouchley, 2) were annotated from M. racemosum to M. armeniacum by Scott MacReynolds. More work needs to be done to see which of three taxa (M. armeniacum, M. botryoides, and M. racemosum) occur in the state and how the three taxa are differentiated.

Spiranthes magnicamporum Sheviak. ORCHIDACEAE. Annotated by C. J. Sheviak, 1985). OUACHITA: Along south side of Red Cut Road at L. Blackenup Road intersection NE of Luna; Sec. 10, T16N, R3E. N. Rich & T. Briley, 1726, 13 November 1979.

Panicum flexile (Gattinger) Scribner. Det. by Ken E. Rogers and verified by C. M. Allen. OUACHITA: Old field near junction of Bayou Shore Drive and La. 139, Monroe; R.D.T. et. al, 1470, 30 October 1966.

Paspalum alnum Chase. POACEAE. Det. by C. M. Allen. CAMERON: Pasture (former rice field) east of headquarters of F-R Ranch SE of Vinton in Gum Cove, Sec. 29, T12S, R11E. R.D.T., B. E. Dutton, J. Bruce, & R. Poussen, 98406 & 2094, 9 June 1984.

Microstegium vimineum (Trin.) A. Camas. POACEAE. MADISON: Woods and old road along Judd Brake in Tensas River National Wildlife Refuge south of Quebec, Secs. 7 & 17, T16N, R11E. R.D.T. & K. Ouchley, 86001, 27 September 1983.

Sorghum alnum Parodi. POACEAE. Det. by C. M. Allen. CAMERON: In fencerows on both sides of Precht Road about 0.3 miles south of La. 384 east of Boone's Corner, Sec.s 13 & 14, T12S, R8W., R.D.T. & B. E. Dutton, 90626, 16 August 1984.

Sporobolus ozarkanus Fern. POACEAE. Det. by R. L. McGregor. ALLEN: Along railroad tracks east of U.S. 165 and north of U.S. 190E in Kinder; Sec. 35, T6S, R5W, R.D.T., 79260, 24 October 1981. Also from WINN (R.D.T., 74340).

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